

CLAIMS

1 A curable liquid composition comprising:

(A) particles including an oxide of at least one element selected from the group consisting of indium, antimony, zinc, and tin as a major component,

5 (B) a compound having at least two polymerizable unsaturated groups in the molecule,

(C) a solvent in which solubility of the component (B) is less than 10 wt%, and

10 (D) a solvent in which solubility of the component (B) is 10 wt% or more, the components (A) and (B) being uniformly dispersed or dissolved in the composition.

2 The curable liquid composition according to claim 1, further comprising (E) a photoinitiator.

3 The curable liquid composition according to claim 1 or 2, wherein the component (A) is particles including either antimony-doped tin oxide (ATO) or
15 tin-doped indium oxide (ITO) as a major component.

4 The curable liquid composition according to any of claims 1 to 3, wherein the component (A) is oxide particles surface-treated by using a surface treatment agent.

5 The curable liquid composition according to claim 4, wherein the surface
20 treatment agent is a compound including at least two polymerizable unsaturated groups, a group shown by the following formula (1),



25 wherein X represents NH, O (oxygen atom), or S (sulfur atom), and Y represents O or S, and a silanol group or a group which forms a silanol group by hydrolysis.

- 6 The curable liquid composition according to claim 5, wherein the group shown by the formula (1) is at least one group selected from the group consisting of -O-C(=O)-NH-, -O-C(=S)-NH-, and -S-C(=O)-NH-.
- 7 The curable liquid composition according to any of claims 1 to 6, wherein the
5 component (C) is water, the content of water in the total solvent in the composition being 0.1-50 wt%.
- 8 The curable liquid composition according to any of claims 1 to 6, wherein the component (C) is an organic solvent, the content of the organic solvent in the total solvent in the composition being 5-95 wt%.
- 10 9 The curable liquid composition according to anyone of claims 1-8, wherein the solid content of the composition is at least 50%.
- 10 A cured film obtained by curing the curable liquid composition according to any of claims 1 to 8, the cured film having surface resistivity of $1 \times 10^{12} \Omega/\square$ or less.
- 15 11 A process for producing a cured film, comprising a step of curing the curable liquid composition according to any of claims 1 to 8 by applying radiation to the composition.
- 12 An antistatic laminate comprising a layer of a cured film obtained by curing the curable liquid composition according to any of claims 1 to 8.
- 20 13 The antistatic laminate according to claim 11, wherein the thickness of the layer of the cured film is 0.1-20 μm .